



3001 Miller Road
P.O. Box 1699
Dearborn, Michigan 48121-1699

January 8, 2004

Chief, Air Enforcement and Compliance Assurance Branch
Air and Radiation Division (AE-17J)
USEPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attention: Enforcement Tracker

Subject: United States of America and County of Wayne and Michigan Department of Environmental Quality v. Rouge Steel Company – Civil Action Nos. 00-75452 and 00-75454, USAO File No. 1999 00492, DOJ Case No.90-5-2-1-2211/1 – Quarterly Report

Per Section V, paragraph 21 of the subject Civil Actions, attached is Rouge Steel Company's ("Rouge Steel") quarterly report for October – December 2003.

The demonstration report for the "B" Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The use of ongoing O&M practices and emission control technologies pursuant to paragraph 11(d) has yet not been established with EPA. However, during this interim period, Rouge Steel is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every cast.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. Written notice from EPA alleging noncompliance for the BOF demonstration test was received on January 10, 2003, and Rouge Steel's Proposed Plan for Use of Operation and Maintenance Practices and Emission Control Technologies was submitted on March 10, 2003. EPA has not yet responded to the Proposed Plan, and the use of ongoing O&M practices and emission control technologies has not been established with EPA. However, during this interim period, Rouge Steel is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every heat.

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The use of ongoing O&M practices and emission control technologies pursuant to paragraph 11(d) has yet not been established with EPA. However, during this interim period, Rouge Steel is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every cast.

January 8, 2004
Page 2 of 2

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.

Very truly yours,



D. S. Windeler
Manager, Environmental Engineering

Attachments

cc: Ms. Gaylene Vasaturo ✓
Ms. Teresa Seidel
Mr. Scott R. Dismukes

**ROUGE STEEL COMPANY
CIVIL ACTION NOS. 00-75452 AND 00-75454**

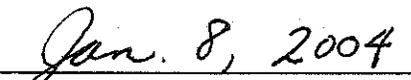
QUARTERLY REPORT FOR OCTOBER 1 – DECEMBER 31, 2003

SECTION IV MONITORING	RESULTS
Conduct VE Observations of "C" Blast Furnace Bleeders	See attached VEs
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	See attached VEs
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VEs
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VEs

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person (s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



W. B. Winland, Vice President of Operations



Date

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 29, 2003
 OBSERVER: ROSANA HOFFA
 START: 9:01 am pm
 FINISH: 9:50 am pm

Source:
B BLAST FURNACE

Observation Point
UNPAVED PARKING LOT

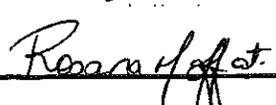
distance from: 100'
 direction from: SE
 source height:
75'

wind direction S
 wind speed 10-15
 sky condition OVERCAST/RAIN
 amb. temp. (F)
 color of emissions White
unless stated otherwise
 other;

Remarks;

9:00 AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	5	5	
1			10	10		31	0	0	0	0	
2	10	10	5	5		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	5	5	W	34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	5	5	5	5		36	0	0	0	0	
7	5	5	5	5		37	0	0	0	0	E
8	5	5	5	5		38	0	0	0	0	
9	5	5	5	5		39	0	0	0	0	
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12	5	0	0	0		42	0	0	0	0	
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17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	5	
22	0	0	0	0		52	5	5	5	5	
23	0	0	0	0		53	5	15	50	30	Brown/Black
24	0	0	0	0		54	25	15	15	10	Black
25	5	5	5	5		55	10	10	10	5	"
26	5	5	5	5		56					
27	5	5	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature


Last Certification Date 10/7/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 2, 2003
 OBSERVER: ROSANA MOFFAT
 START: 10:09 am pm
 FINISH: 11:12 am pm

10:00 AM

Source: B BLAST FURNACE

Observation Point: PAVED PARKING LOT

distance from: 120'

direction from: NE

source height: 75'

wind direction: W

wind speed: 10-15

sky condition: OVERCAST

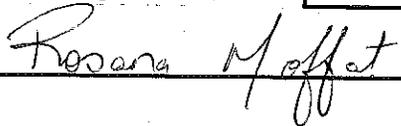
amb. temp. (F): _____

color of emissions: White
 unless stated otherwise

other:
W - WEST CAR
E - EAST CAR

Remarks:

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9				<u>5</u>	<u>BROWN</u>	39	○	○	○	○	
10	<u>5</u>	○	○	○		40	○	○	○	○	
11	○	○	○	○	<u>W</u>	41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	<u>E</u>
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
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25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 22 2003
 OBSERVER: Rosanna Moffat
 START: 10:09 am pm
 FINISH: 11:12 am pm

Source:
B BLAST FURNACE.

Observation Point
PAVED PARKING LOT

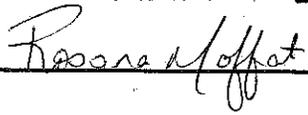
distance from: 120'
 direction from: NE
 source height:
75'

wind direction W
 wind speed 10-15
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
unless stated otherwise
 other;
W - WEST CAR
E - EAST CAR

Remarks;

11:00 AM PAGE # 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
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11	10	10	5	5		41					
12						42					
13						43					
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20						50					
21						51					
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28						58					
29						59					

Observer's Signature


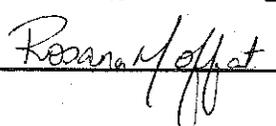
Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: DECEMBER 16, 2003
 OBSERVER: ROSANA MORFAT
 START: 10:04 am pm
 FINISH: am pm
 Source: B BLAST FURNACE
 Observation Point: PAVED PARKING LOT
 distance from: 150'
 direction from: NE
 source height: 75'
 wind direction: SW
 wind speed: 10-15
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions:
 other:
W - WEST CAR
E - EAST CAR
 Remarks:

10:00 Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4	10	10	10	10		34	5	5	5	5	
5	10	10	10	10		35	5	5	5	5	
6	10	10	10	10	W	36	5	5	5	5	
7	10	5	5	0		37	5	5	5	5	
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16	0	0	0	0		46	5	5	5	5	E
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27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: DECEMBER 16, 2003

OBSERVER: ROSANA YOFFET

START: 10:04 am pm

FINISH: 11:03 am pm

Source:
B BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: NE

source height:
75'

wind direction SW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions

other;

Remarks;

11:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	10	10	20	BLACK	31					
2	5	5	5	5		32					
3						33					
4						34					
5						35					
6						36					
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19						49					
20						50					
21						51					
22						52					
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28						58					
29						59					

Observer's Signature
Rosana Yoffet

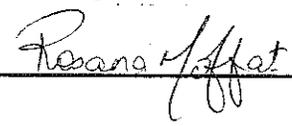
Last Certification Date 10/03/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 10, 2003
 OBSERVER: Rosana Moffat
 START: 11:32 am pm
 FINISH: am 1:00 pm
 Source: B BLAST FURNACE
 Observation Point
UNPAVED PARKING LOT
 distance from: 100'
 direction from: SE
 source height:
75'
 wind direction SE
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
W - WEST CAR
E - EAST CAR
 Remarks;

PAGE #1

11:00 am											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32	10	5	5	0	BROWN
3						33	0	5	5	5	W
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
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26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 10, 2003

OBSERVER: Rosana Moffat

START: 11:32 am pm

FINISH: am 1:00 pm

Source:
B BLAST FURNACE

Observation Point
UNPAVED PARKING LOT

distance from: 100'

direction from: SE

source height:
75'

wind direction SE

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions White
unless stated otherwise
other;

W - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature
Rosana Moffat

12:00 PM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
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2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 4, 2003

OBSERVER: ROSANA MOFFA

START: am 12:18 pm

FINISH: am 12:59 pm

Source:
B BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: SE

source height:
75'

wind direction E

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions

other;
W - WEST
E - EAST

Remarks;

12:00PM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
9						39	5	5	5	5	
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18	0	0	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5	E	50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59					

Observer's Signature
Rosana Moffa

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 26, 2003.

OBSERVER: ROSANA MOFFAT

START: 10:24 am pm

FINISH: 11:18 am pm

Source:
B BLAST FURNACE.

Observation Point
UNPAVED PARKING LOT.

distance from: 100'

direction from: SE

source height:
~75'

wind direction W

wind speed 5-10

sky condition CLOUDY

amb. temp. (F) 38

color of emissions WHITE

UNLESS STATED OTHERWISE
other;
W - WEST CAR.
E - EAST CAR.

Remarks;

10:00 AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	5	5	5	
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20						50	5	5	5	5	
21						51	5	5	5	5	
22						52	5	5	5	5	
23						53	5	5	5	5	
24					<u>0 Brown</u>	54	5	5	10	10	
25	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>		55	10	10	10	10	
26	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>W</u>	56	10	10	10	10	
27	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		57	10	10	10	10	
28	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		58	10	10	10	10	
29	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		59	10	10	10	10	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 26, 2003

OBSERVER: ROSANA MORFAT

START: 10:24 am pm

FINISH: 11:18 am pm

Source:
B BLAST FURNACE

Observation Point
UNPAVED PARKINGLOT.

distance from: 100'

direction from: SE

source height:
75'

wind direction W

wind speed 5-10

sky condition CLOUDY

amb. temp. (F) 38

color of emissions White
unless stated otherwise

other;
W - WEST CAR
E - EAST CAR.

Remarks;

11:00 PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	10	10	10	E	30					
1	10	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	10	10	10		41					
12	10	10	10	10		42					
13	10	10	10	10		43					
14	10	5	5	5		44					
15	5	5	5	5		45					
16	10	5	5	0	Black	46					
17	0	0	0	0		47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature
Rosana Morfat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 19, 2003

OBSERVER: RUSANA MOFFAT

START: 11:11 am pm

FINISH: am pm

Source:
B BLAST FURNACE

Observation Point
UNPAVED ROAD

distance from: 100'

direction from: SE

source height:
75'

wind direction NW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F) 52

color of emissions WHITE

UNLESS STATED OTHERWISE
other;
W- WEST CAR
E- EAST CAR.

Remarks;

PAGE #1

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12	5	5	0	0	20 BROWN	42	0	0	0	0	
13	0	0	0	0	W	43	0	0	0	0	
14	0	0	0	0		44	0	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	15	15	Black.
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature
Rusana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 19 2003

OBSERVER: Rosana Moffat

START: 11:11 am pm

FINISH: am 12:50pm

Source:
B BLAST FURNACE

Observation Point
UNPAVED ROAD

distance from: 100'

direction from: 10-15

source height:
75'

wind direction NW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F) 52

color of emissions WHITE
UNLESS STATED OTHERWISE

other;

Remarks;

12:00PM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	5	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5	E	36	5	5	5	5	
7	5	5	5	5		37	5	6	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	15	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	10		47	5	5	5	5	
18	10	10	10	10		48	5	5	5	10	
19	10	10	10	10		49	5	5	5	5	
20	10	10	10	10		50	5	5	5		
21	10	10	10	15		51					
22	20	10	10	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 11, 2003

OBSERVER: ROSANA MOFFAT

START: 9:49 am pm

FINISH: 10:32 am pm

Source:
B BLAST FURNACE

Observation Point
PAVED PARKING LOT.

distance from: 130'

direction from: E

source height:
75'

wind direction W

wind speed 0-5

sky condition OVERCAST.

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
W - WEST CAR
E - EAST CAR.

Remarks;

9:00AM

PAGE 1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49	<u>10</u>	<u>10</u>	<u>5</u>	<u>0</u>	<u>BLACK</u>
20						50	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
21						51	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>E</u>
22						52	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
23						53	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
24						54	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
25						55	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
26						56	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
27						57	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
28						58	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
29						59	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	

Observer's Signature
Rosana Moffat.

Last Certification Date 10/07/03.

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 11, 2003.

OBSERVER: ROSANA MOFFAT.

START: 9:49 am pm

FINISH: 10:32 am pm

Source:
B BLAST FURNACE

Observation Point
Unpaved parking lot

distance from: E

direction from: 130'

source height:
75'

wind direction W

wind speed 0-5

sky condition Overcast

amb. temp. (F)

color of emissions White
unless stated otherwise

other;
W - WEST CAR
E - EAST CAR.

Remarks;

10:00 AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	25	25	25	25	BLACK
1	0	0	0	0		31	20	15	10	10	
2	0	0	0	0		32					
3	0	0	0	0		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	10	15	35	40	W/BROWN	59					

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 4, 2003

OBSERVER: ROSANA MOFFAT

START: 9:56 am pm

FINISH: am pm

Source:
B BLAST FURNACE

Observation Point
UNPAVED PARKING LOT.

distance from: 100'

direction from: E

source height:
75'

wind direction SW

wind speed 0-5

sky condition OVERCAST

amb. temp. (F) 55

color of emissions White
unless stated otherwise
other;

Remarks;

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56			15	15	Black
27						57	40	10	5	5	Brown
28						58	5	5	0	0	W
29						59	0	0	0	0	

Observer's Signature

Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 4, 2003

OBSERVER: ROSANA MOFFAT

START: 9:50 am pm

FINISH: 10:53 am pm

Source:
B BLAST FURNACE

Observation Point
UNPAVED PARKING LOT

distance from: 100'

direction from: E

source height:
75'

wind direction SW

wind speed 0-5

sky condition OVERCAST

amb. temp. (F) 55

color of emissions WHITE

(UNLESS STATED OTHERWISE
other;
W - WEST CAR
E - EAST CAR

Remarks;

10:00 AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	10	10	5	5	Brown
18	5	5	0	0		48	0	0	0	0	
19	0	0	5	5		49	0	0	0	0	
20	5	5	5	5		50	0	0	0	0	
21	5	5	5	5		51	50	60	30	30	BLACK
22	5	0	0	0		52	20	15	10	10	"
23	0	0	0	0		53	10	10			
24	0	0	0	0	E	54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 31 2003

OBSERVER: ROSANA MOFFAT

START: 10:24 am pm

FINISH: 11:32 am pm

Source:
B BLAST FURNACE

Observation Point
Unpaved parking lot.

distance from: 100'

direction from: SE

source height:
75'

wind direction W

wind speed 0-5

sky condition Cloudy

amb. temp. (F) 5

color of emissions White
unless stated otherwise

other;

Remarks;

10:00 AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	E
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24			15	15	Black	54	○	○	○	○	
25	5	○	○	○		55	○	○	○	○	
26	○	○	○	○	W	56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 31, 2003

OBSERVER: ROSANA HOFFAT

START: 10:24 am pm

FINISH: 11:32 am pm

Source:
B BLAST FURNACE

Observation Point
Unpaved parking lot

distance from: 100'

direction from: SE

source height:
75'

wind direction W

wind speed 0-5

sky condition cloudy

amb. temp. (F) 0

color of emissions White
unless stated otherwise

other;

Remarks;

11:00AM Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	15	5	5	0	black
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○	W	45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Observer's Signature
Rosana Hoffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 23, 2003

OBSERVER: ROSANA MOFFETT

START: 10:15 am pm

FINISH: 11:09 am pm

Source:
Unpaved parking lot
B BLAST

Observation Point
Unpaved parking lot

distance from: 100'

direction from: SE

source height:
75'

wind direction S-10

wind speed N

sky condition Clear

amb. temp. (F) 54

color of emissions White

unless stated otherwise

other;
W - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature
Rosana Moffett

10:00 AM Page #/1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16	○	○	○	○		46	○	5	5	5	E
17	○	○	○	○		47	5	5	5	5	
18	○	○	○	○		48	5	5	5	5	
19	○	○	○	○		49	5	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 22 2003.

OBSERVER: ROSANA MORFAT

START: 10:15 am pm

FINISH: 11:09 am pm

Source:
B BUAST

Observation Point
Unpaved parking lot.

distance from: 100'

direction from: SE

source height:
75'

wind direction N

wind speed 5-10

sky condition cloudy

amb. temp. (F) 7

color of emissions White
unless stated otherwise

other;

Remarks;

11:00am

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	30	Brown	36					
7	20	20	10	10	Black	37					
8	5	5	0	0		38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature
Rosana Morfat

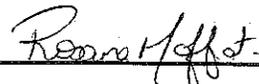
Last Certification Date 10/07/03.

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 17 2003.
 OBSERVER: ROSANA MOFFATT.
 START: 11:10 am pm
 FINISH: am 12:03 pm
 Source:
B BLAST FURNACE
 Observation Point
Unpaved parking lot
 distance from: 100'
 direction from: SE
 source height:
75'
 wind direction W
 wind speed 0-5
 sky condition Clear
 amb. temp. (F) 48
 color of emissions White
 (unless stated otherwise)
 other;
W - WEST CAR
E - EAST CAR
 Remarks;

11:00 AM. Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	5	5	10	E
12						42	5	0	0	0	
13						43	0	0	0	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20	0	15	35	50	Brown	50	5	5	10	5	
21	60	50	30	20	" W	51	5	5	5	5	
22	15	10	10	0		52	5	5	5	5	
23	0	0	0	0		53	5	5	5	5	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	0		57	5	5	5	5	
28	0	0	0	0		58	5	5	5	5	
29	0	0	0	0		59	5	5	5	5	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 17 2003

OBSERVER: ROSANNA MOFFAT

START: 11:20 am pm

FINISH: am 12:03 pm

Source:
B BLAST

Observation Point
Unpaved parking lot

distance from: 100'

direction from: SE

source height:
75'

wind direction W

wind speed 0-5

sky condition Clear

amb. temp. (F) 42

color of emissions White
unless stated otherwise

other;

Remarks;

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	15	Brown	30					
1	5	5	5	5		31					
2	5	0	0	0		32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature
Rosanna Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 10, 2003

OBSERVER: Rosana Moffat

START: 11:00 am pm

FINISH: am pm

Source: B BLAST

Observation Point: Paved parking lot

distance from: 100'

direction from: E

source height: 75'

wind direction: W

wind speed: 0-5

sky condition: Overcast

amb. temp. (F):

color of emissions: White

unless stated otherwise

other;

Remarks;

11:00am

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	5	15	15	Brown	30	0	0	0	0	
1	20	5	5	5	"	31	0	0	0	0	
2	5	5	0	0	"	32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	W
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature: Rosana Moffat

Last Certification Date: 10/7/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 10, 2003

OBSERVER: Rosana Moffatt

START: 11:00 am pm

FINISH: am 12:13 pm

Source:
B Blast

Observation Point
Paved parking lot

distance from: 100'

direction from: E

source height:
75'

wind direction W

wind speed 0-5

sky condition Overcast

amb. temp. (F)

color of emissions white

unless stated otherwise
other;

Remarks;

Observer's Signature
Rosana Moffatt

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	10	20	20	10	Yellow	41					
12	10	5	0	0	" "	42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 10/6/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 3rd 2003

OBSERVER: Rosana Morra

START: 10:29 am pm

FINISH: 11:25 am pm

Source:
B BLAST

Observation Point
Unpaved parking lot

distance from: 150'

direction from: E

source height:
75'

wind direction SW

wind speed 10-15

sky condition Overcast

amb. temp. (F) 48

color of emissions White
unless stated otherwise
other;

W - WEST CAR
E - EAST CAR

Remarks;

10:00 AM Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	Brown.
1						31	0	0	0	0	W
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	E
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29				0		59	5	5	5	5	

Observer's Signature
Rosana Morra

Last Certification Date 4/08/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 3, 2003

OBSERVER: Rosana Moffat

START: 10:27 am pm

FINISH: 11:25 am pm

Source:
B BLAST FURNACE

Observation Point
Unpaved parking lot.

distance from: 150'

direction from: E

source height:
75'

wind direction SW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F) 48

color of emissions White
unless stated otherwise

W - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature
Rosana Moffat

11:50 AM Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/08/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 30, 2003

OBSERVER: Rosana Moffat

START: 9:28 am pm

FINISH: 11:28 am pm

Source:
C BLAST

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction W

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions White

unless stated otherwise
other;

W - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature

9:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	0	
1						31	0	0	0	0	E
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28		0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: DECEMBER 30, 2008

OBSERVER: ROSANA MOFFAT

START: 9:28 am pm

FINISH: 11:28 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING

distance from: 120'

direction from: E

source height:
90'

wind direction W

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions white
unless stated otherwise

other;
W - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature

10:00 AM PAGE # 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0	W, E	37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0	W	39	5	5	5	5	
10	0	0	0	0	E	40	5	5	5	5	
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0	E	48	5	5	5	5	
19	0	5	5	5		49	5	5	5	5	
20	5	5	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	
23	0	0	0	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	W
29	5	5	5	5		59	5	5	5	5	E

Rosana Moffat

Last Certification Date 10/07/05

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: DECEMBER 30, 2003
 OBSERVER: ROSANA MOFFAT
 START: 9:28 am pm
 FINISH: 11:28 am pm
 Source:
C BLAST FURNACE
 Observation Point
PAVED PARKING LOT
 distance from: 120'
 direction from: E
 source height:
90'
 wind direction W
 wind speed 10-15
 sky condition OVERCAST
 amb. temp. (F) 34
 color of emissions White
 unless stated otherwise
 other;
W - WEST CAR
E - EAST CAR
 Remarks;

11:00AM Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	10	Brown	54					
25	10	15	35	40	Black	55					
26	30	30	20	20	Brown/Yellow	56					
27	15	15	10	10		57					
28	10					58					
29						59					

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/22/2003

OBSERVER: Ben Kroeger

START: 10:05 am pm

FINISH: am pm

Source: C Blast

Observation Point
Paved parking lot

distance from:

direction from:

source height: 90'

wind direction W

wind speed 10-15

sky condition overcast

amb. temp. (F)

color of emissions
white unless stated

other; otherwise

E - car

W - car

Remarks;

Observer's Signature
Ben Kroeger

10:05

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	W
2						32	0	0	0	0	
3						33	5	5	0	0	E
4						34	0	0	0	0	
5	0	0	0	0	E car	35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	
23	0	0	0	0		53	5	5	5	5	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	0		57	5	5	5	5	
28	0	0	0	0		58	5	5	5	5	
29	0	0	0	0		59	5	5	5	5	

Last Certification Date 10/08/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: ~~12/22/03~~ 12/22/03

OBSERVER: Ben Kroeyer

START: 10:05 am pm

FINISH: 11:31 am pm

Source: C Blast

Observation Point
Paved Parking Lot

distance from:

direction from:

source height: 90'

wind direction W

wind speed 10-15

sky condition Overcast

amb. temp. (F)

color of emissions
White unless otherwise

other; stated
W - west car
E - east car

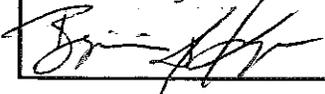
Remarks;

11:00 a.m.

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	0	0	W	41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5	E	48					
19	5	5	10	10	Brown	49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	0	0	0	0		59					

Observer's Signature



Last Certification Date 10/08/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 16, 2003
 OBSERVER: ROSANA MOFFAT
 START: 9:05 am pm
 FINISH: 10:12 am pm
 Source:
C BLAST FURNACE
 Observation Point
PAVED PARKING LOT
 distance from: 120'
 direction from: E
 source height:
90'
 wind direction SW
 wind speed 10-15
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions WHITE
 UNLESS STATED OTHERWISE
 other;
W - WEST CAR
E - EAST CAR
 Remarks;
 Observer's Signature
Rosana Moffat

9:00 am PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5	0	5	10	20		35	5	5	5	5	
6	10	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	W
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	E, W
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5	E	57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Last Certification Date 10/7/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: DECEMBER 16, 2003

OBSERVER: ROSANA MORFAT

START: 9:05 am pm

FINISH: 10:12 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction SW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE
other;

W - WEST CAR
E - EAST CAR

Remarks;

10:00

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	10	10	10	10		34					
5	10	15	10	10	Brown	35					
6	10	10	10	10	"	36					
7	10	10	10	10	yellow	37					
8	10	10	10	10	"	38					
9	10	10	10	10	"	39					
10	10	10	30	40	1/2 black	40					
11	25	15	20	10	Black	41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature
Rosana Morfat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 10, 2003

OBSERVER: Rosana Moffat

START: 9:20 am pm

FINISH: 11:27 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction ~~SE~~ SE

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE
other;

W - WEST CAR

E - EAST CAR

Remarks;

9:00am PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	W
8						38	5	5	5	5	
9						39	5	5	5	5	
10						40	5	5	5	5	
11						41	5	5	5	5	E
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20	5	20	25	40	Brown	50	5	5	5	5	
21	20	15	5	5	E	51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	10	10	10	10		53	5	5	5	5	
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25	10	10	5	5		55	5	5	5	5	
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27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 10, 2003
 OBSERVER: Rosana Morra
 START: 9:20 am pm
 FINISH: 11:27 am pm

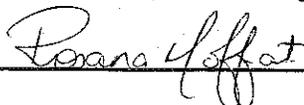
Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT.

distance from: 120'
 direction from: E
 source height:
90'

wind direction SE
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions WHITE
UNLESS STATED OTHERWISE
 other;
W - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature


10:00 AM PAGE # 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0	W, E	30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	W
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	5	5	5	5	E, W
10	5	5	5	5		40	5	5	5	5	E
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Last Certification Date 10/7/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 10, 2003
 OBSERVER: Rosanna Moffat
 START: 9:20 am pm
 FINISH: 11:27 am pm
 Source:
C BLAST FURNACE
 Observation Point
PAVED PARKING LOT
 distance from: 120'
 direction from: E
 source height:
90'
 wind direction SE
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions WHITE
 UNLESS STATED OTHERWISE
 other;
 Remarks;
 Observer's Signature
Rosanna Moffat

PAGE # 3

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5	W	42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	30	50	40	30	BROWN	56					
27	5	5				57					
28						58					
29						59					

Last Certification Date 10/7/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 4 2003

OBSERVER: ROSANA MORFAT

START: 10:04 am pm

FINISH: am 12:25 pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction E

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions white
unless stated otherwise

other;

Remarks;

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4				<u>20</u>	<u>Brown</u>	34	0	0	0	0	
5	<u>15</u>	<u>5</u>	<u>5</u>	<u>0</u>	<u>East Car</u>	35	0	0	0	0	
6	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		36	0	0	0	0	
7	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		37	0	0	0	0	
8	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>		38	0	0	0	0	
9	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>		39	0	0	0	0	
10	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>		40	0	0	0	0	
11	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>		41	0	0	0	0	
12	<u>5</u>	<u>5</u>	<u>0</u>	<u>0</u>		42	0	0	0	0	
13	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		43	0	0	0	0	
14	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		44	0	0	0	0	
15	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		45	0	0	0	0	
16	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		46	0	0	0	0	
17	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		47	0	0	0	0	
18	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		48	0	0	0	0	
19	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		49	0	0	0	0	
20	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		50	0	0	0	0	
21	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		51	0	0	0	0	
22	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		52	0	0	0	0	
23	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		53	0	0	0	0	
24	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		54	0	0	0	0	
25	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		55	0	0	0	0	
26	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		56	0	0	0	0	
27	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		57	0	0	0	0	
28	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		58	0	0	0	0	
29	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		59	0	0	0	0	

Observer's Signature

Rosana Morfat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: DECEMBER 4, 2003

OBSERVER: ROSANA MORAN

START: 10:04 am pm

FINISH: 12:25 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT.

distance from: 120'

direction from: E

source height:
90'

wind direction E

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions White
unless stated otherwise.

other;

Remarks;

11:00 AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature
Rosana Moran

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 4, 2003

OBSERVER: Rozina Maffat

START: 10:04 am pm

FINISH: am 12:25 pm

Source:
C Blast Furnace

Observation Point
Paved parking lot.

distance from: 120'

direction from: E

source height:
90'

wind direction E

wind speed 5-10

sky condition Overcast

amb. temp. (F)

color of emissions white unless
stated otherwise

other;

Remarks;

12:00 PM Page #3.

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	5	5	5	5		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	5	5	<u>Brown</u>	52					
23	10	15	20	20	<u>Black</u>	53					
24	25	25	10	5	<u>Black</u>	54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature
Rozina Maffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 24, 2003

OBSERVER: ROSANA MORFAT

START: 10:05 am pm

FINISH: 11:13 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction SW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE
other;
W - WEST CAR
E - EAST CAR

Remarks;

10:00 AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	5	5	5		36	0	0	0	5	
7	5	5	5	5	E	37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	20	15	5	BROWN	39	5	5	5	5	
10	5	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	5	5	5	W
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	
23	0	0	0	0		53	5	5	5	5	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	0		57	5	5	5	5	
28	0	0	0	0		58	5	5	5	5	
29	0	0	0	0		59	5	5	5	5	

Observer's Signature
Rosana Morfat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 24, 2003

OBSERVER: ROSANA MOFFITT

START: 10:05 am pm

FINISH: 11:13 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT.

distance from: 120'

direction from: E

source height:
90'

wind direction SW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
W - WEST CAR.
E - EAST CAR.

Remarks;

11:00 AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5	<u>E</u>	39					
10	5	10	25	25	<u>Brown.</u>	40					
11	15	10	5	5		41					
12	5	5	5	5		42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature
Rosana Moffitt

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 19, 2003

OBSERVER: ROSANA MOFFAT

START: 8:44 am pm

FINISH: 10:27 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction NW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F) 52

color of emissions

other;
W - WEST CAR
E - EAST CAR

Remarks;

8:00 AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	5	10	15	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20						50	5	5	5	5	
21						51	5	5	5	5	
22						52	5	5	5	5	
23						53	5	5	5	5	
24						54	5	5	5	5	
25						55	5	5	5	5	
26						56	5	5	5	5	
27						57	5	5	5	5	
28						58	5	5	5	5	
29						59	5	5	5	5	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 19, 2003

OBSERVER: ROSANA MOFFAT

START: 8:44 am pm

FINISH: 10:27 am pm

Source:
C BLAST

Observation Point
PAVED PARKING LOT.

distance from: 120'

direction from: E

source height:
90'

wind direction NW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F) 52

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
W - WEST
E - EAST

Remarks;

9:00 AM PAGE # 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	5	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	10	10	10	5	yellow
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03.

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 19, 2003

OBSERVER: ROSANA MOFFAT

START: 8:44am pm

FINISH: 10:27am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction NW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F) 52

color of emissions White
unless stated otherwise

other;
W - WEST CAR
E - EAST CAR

Remarks;

10:00AM PAGE # 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	10	10	10		30					
1	10	10	10	10		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5	<u>W</u>	37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	10	20	10	<u>Brown</u>	55					
26	0	0	0	0		56					
27						57					
28						58					
29						59					

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 11, 2003

OBSERVER: ROSANA MOFFAT

START: 10:05 am pm

FINISH: 11:10 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 130'

direction from: E

source height:
90'

wind direction W

wind speed 0-5

sky condition OVERCAST

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
W - WEST CAR
E - EAST CAR

Remarks;

10:00 AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	W
7	0	0	5	5	E	37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 11, 2003

OBSERVER: ROSANA MOFFAT

START: 10:05 am pm

FINISH: 11:10 am pm

Source:
C BLAST FURNACE

Observation Point
Unpaved parking lot

distance from: 130'

direction from: SE

source height:
90'

wind direction W

wind speed 0-5

sky condition OVERCAST

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE
other;
W - WEST CAR
E - EAST CAR

Remarks;

PAGE #2

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5	E	32					
3	15	10	10	10	Brown	33					
4	10	10	5	5		34					
5	5	5	5	5		35					
6	10	10	10	10		36					
7	10	10	10	10		37					
8	10	10	10	10		38					
9	15	20	20	10	Brown	39					
10	5	5	5			40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 7, 2003

OBSERVER: RUSANA MOFFAT

START: 9:39 am pm

FINISH: 11:37 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction W

wind speed 5-10

sky condition CLEAR

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE
other;

W - WEST CAR
E - EAST CAR

Remarks;

9:00AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39			<u>5</u>	<u>5</u>	<u>E</u>
10						40	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
11						41	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
12						42	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
13						43	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
14						44	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
15						45	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
16						46	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
17						47	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
18						48	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
19						49	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
20						50	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
21						51	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
22						52	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
23						53	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
24						54	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
25						55	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
26						56	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
27						57	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
28						58	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	
29						59	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	

Observer's Signature
Rusana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 7, 2003

OBSERVER: ROSANA MOFFAT

START: 9:39 am pm

FINISH: 11:37 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction: W

wind speed: 5-10

sky condition: CLEAR

amb. temp. (F)

color of emissions: white
unless stated otherwise

other;

Remarks;

10:00AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	5	5	5	5	
10	0	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	5		47	5	5	5	5	
18	5	5	5	5	W	48	5	5	5	5	
19	5	5	5	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	
23	0	20	15	10	E	53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	W
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 7, 2003

OBSERVER: ROSANA MOFFAT

START: 9:39 am pm

FINISH: 11:37 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction W

wind speed 5-10

sky condition CLEAR

amb. temp. (F)

color of emissions WHITE
(UNLESS STATED OTHERWISE)

other;
W - WEST CAR
E - EAST CAR

Remarks;

11:00 AM PAGE #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	10	10	10	10	
1	5	5	5	5		31	10	10	10	10	
2	5	5	5	5		32	10	10	10	10	
3	5	5	5	5		33	10	15	20	45	BROWN / BLACK
4	5	5	5	5		34	45	30	15	15	BLACK
5	5	5	5	5		35	10	10	10	10	"
6	5	5	5	5		36	5	5	5		
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	10	10	10	10	E	58					
29	10	10	10	10		59					

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 28, 2003

OBSERVER: ROSANA MORFAT

START: 10:01 am pm

FINISH: 11:40 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

distance from: 120'

direction from: E

source height:
90'

wind direction SW

wind speed 5-10

sky condition OVERCAST

amb. temp. (F) 41

color of emissions White
unless stated otherwise

other;
W - WEST CAR
E - EAST CAR.

Remarks;

10:00 PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1	15	10	10	10	BROWN, E	31	10	10	5	5	W
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	E
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	W
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature
Rosana Morfat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 28, 2003

OBSERVER: ROSANA MORFAT

START: 10:01 am pm

FINISH: 11:40 am pm

Source:
C BLAST FURNACE

Observation Point
Paved parking lot

distance from: 120'

direction from: E

source height:
90'

wind direction SW

wind speed 5-10

sky condition Overcast

amb. temp. (F) 46

color of emissions

other;

Remarks;

Observer's Signature

11:00 AM Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	5	5	5	5	
1	5	5	5	5	E	31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	15	Black
9	5	5	5	5		39	15	10	5	5	
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5	W	48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Observer's Signature
Rosana Morfat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 24, 2003

OBSERVER: Rosana Moffat

START: 9:48 am pm 9:00 AM

FINISH: 11:47 am pm

Source:
C BLAST FURNACE

Observation Point
Paved parking lot.

distance from: 120'

direction from: E

source height:
90'

wind direction SW

wind speed 0-5

sky condition Clear

amb. temp. (F)

color of emissions White

unless stated otherwise

other;
W - WEST CAR
E - EAST CAR.

Remarks;

Observer's Signature
Rosana Moffat

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48	20	20	20	5	E. yellow.
19						49	5	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 24, 2003
 OBSERVER: ROSANIA MORFAT
 START: 9:48 am pm
 FINISH: 11:47 am pm
 Source:
C BLAST FURNACE
 Observation Point
Paved road.
 distance from: 120'
 direction from: E
 source height:
90'
 wind direction SW
 wind speed 0-5
 sky condition Clear
 amb. temp. (F)
 color of emissions:
 other;
 Remarks;

Observer's Signature
Rosania Morfat.

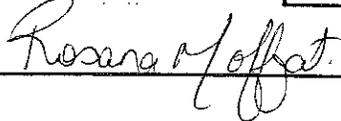
10:00AM PAGE # 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	W	33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	5	5	W
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 10/7/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 24, 2003
 OBSERVER: Rosana Moffat
 START: 9:48 am pm
 FINISH: 11:47 am pm
 Source: C BLAST
 Observation Point: Paved parking lot
 distance from: 120'
 direction from: E
 source height: 90'
 wind direction: W
 wind speed: 0-5
 sky condition: Clear
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 other:
W - WEST CAR
E - EAST CAR
 Remarks:

Observer's Signature


11:00 AM Page # 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	5	5	5	5	
10	0	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	10	15	Brown
14	0	0	0	0		44	20	20	30	40	Black
15	0	0	0	0		45	20	20	25	20	
16	0	0	0	0		46	15	10	10	5	
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0	W, E	51					
22	0	0	0	0		52					
23	0	0	0	5		53					
24	10	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Last Certification Date 10/7/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 15, 2003

OBSERVER: ROSANA MOFFAT

START: 8:20 am pm

FINISH: 9:46 am pm

Source:
C BLAST FURNACE

Observation Point
Paved parking lot

distance from: 100'

direction from: E

source height:
90'

wind direction NW

wind speed 0-5

sky condition Clear

amb. temp. (F)

color of emissions white
unless stated otherwise

other;

Remarks;

8:00 AM Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
9						39	5	5	5	5	
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	5	5	5		52	5	5	5	5	
23	10	10	10	10	<u>Brown</u>	53	5	5	5	5	
24	10	10	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 15, 2003

OBSERVER: Roseanna Moffet

START: 8:20 am pm

FINISH: 9:46 am pm

Source:
C BLAST FURNACE

Observation Point
Paved parking lot

distance from: 100'

direction from: E

source height:
90'

wind direction NW

wind speed 0-5

sky condition Clear

amb. temp. (F)

color of emissions White

unless stated otherwise
other;

Remarks;

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	5	5	5		32	0	0	0	0	
3	5	5	5	5		33	0	0	0	0	
4	5	5	5	5		34	0	0	0	0	
5	5	5	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	5	
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	10	10	10	10	
14	0	0	0	0		44	10	20	20	10	
15	0	0	0	0		45	10	5	5	5	
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature
Roseanna Moffet

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 9, 2003

OBSERVER: Rosanna Moffat

START: 11:06 am pm

FINISH: am 1:36 pm

Source:
C BLAST FURNACE

Observation Point
Paved parking lot.

distance from: 200'

direction from: SE

source height:
90'

wind direction SW

wind speed 0-5

sky condition CLEAR

amb. temp. (F)

color of emissions White

unless stated otherwise
other;

E - EAST CAR
W - WEST CAR

Remarks;

11:00am Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	0	0	0	W
5						35	0	0	0	0	
6	0	0	0	10		36	0	0	0	0	
7	10	10	30	15	Brown	37	0	0	0	0	
8	10	5	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	50	10	E, Brown
10	0	0	0	0		40	10	5	5	5	W
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	10	20	20	E
15	0	0	0	0		45	15	5	5	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	5	5		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Observer's Signature
Rosanna Moffat

Last Certification Date ~~10/07/03~~ 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 8, 2003

OBSERVER: Rosana Moffat

START: 11:06 am pm
 FINISH: am 1:36 pm

Source:
C BLAST FURNACE

Observation Point
PAVED PARKING LOT

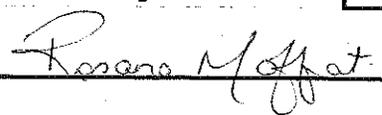
distance from: 200'
 direction from: SE
 source height:
90'

wind direction SW
 wind speed 0-5
 sky condition CLEAR
 amb. temp. (F)
 color of emissions white
 unless stated otherwise
 other;

Remarks;

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	E
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	5	5	5	5	
10	0	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	
23	0	0	0	0		53	5	5	5	5	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	5		57	5	5	5	5	
28	5	5	5	5	W	58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 8, 2003

OBSERVER: ROSANNA MOFFAT

START: 11:06 am pm

FINISH: am 1:36 pm

Source: C BCAST FURNACE

Observation Point: Paved parking lot

distance from: 200'

direction from: S

source height: 90'

wind direction: SW

wind speed: 0-5

sky condition: Clear

amb. temp. (F): _____

color of emissions: White

unless stated otherwise:
 other: _____

W - WEST CAR
 E - EAST CAR

Remarks: _____

Observer's Signature: _____

1:00 PM.

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	5	5	5		32	0	0	0	0	
3	5	5	5	5		33	0	0	0	5	
4	5	5	5	5	W	34	20	15	10	5	Black
5	5	5	5	5		35	5	5	0	0	
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0	E	49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: DECEMBER 29, 2003

OBSERVER: Rosanna Moffat

START: 10:00 am pm

FINISH: am 12:00 pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: 1600'

direction from: SE

source height:
250'

wind direction S

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions White
unless stated otherwise
other;

N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;

Heat Nos.
16811
16812

10:00 AM

Page #/

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	10	5	<u>C, Brown</u>	35	0	0	0	0	
6	5	5	5	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	10	10	0	<u>C, yellow</u>
17	0	0	0	0		47	10	0	0	0	<u>C, Y.</u>
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	15	15	<u>Brown C</u>	54	0	0	0	0	
25	15	15	15	10	<u>"</u>	55	0	0	0	0	
26	5	5	0	0	<u>"</u>	56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
Rosanna Moffat

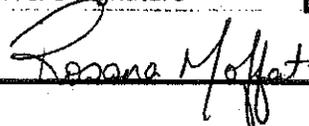
Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 29, 2003
 OBSERVER: Rosana Moffat
 START: 10:00 am pm
 FINISH: am 12:00 pm
 Source:
BoE Roof Monitors
 Observation Point
SOUTH OF LEVY
 distance from: 1600'
 direction from: SE
 source height:
250'
 wind direction S
 wind speed 10-15
 sky condition Overcast
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
N - North Monitor
S - South Monitor
C - Center Monitor
 Remarks;

PAGE # 2

11:00AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	10	10	15	C	57	0	0	0	0	
28	15	10	10	10	C	58	0	0	0	0	
29	5	5	0	0	"	59	0	0	0	0	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 23, 2003
 OBSERVER: Rosanna Moffat
 START: 9:00 am pm
 FINISH: 11:00 am pm
 Source:
BoF Roof
Monitors
 Observation Point
South of BoF Levy
 distance from: 1100'
 direction from: SE
 source height:
250'
 wind direction W
 wind speed 10-15
 sky condition Overcast
 amb. temp. (F) 50W
 color of emissions White
unless stated otherwise
 other;
N - North Monitor
S - South Monitor
C - Center Monitor
 Remarks;
Heat Nos.
16740
16741
 Observer's Signature

9:00 AM Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	5	C	50	0	0	0	0	
21	5	10	10	10	C	51	0	0	0	0	
22	10	0	0	0	C	52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
Rosanna Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 23, 2003
 OBSERVER: Rosane Moffat
 START: 9:00 am 05 pm
 FINISH: 11:00 am 05 pm
 Source:
BOF ROOF
MONITORS
 Observation Point
South of Levey
 distance from: 1600'
 direction from: SE
 source height:
250'
 wind direction W
 wind speed 10-15
 sky condition overcast
 amb. temp. (F) SNOW
 color of emissions
 other;
 Remarks;

Page #2

10:00 am

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	5	5	5	"	34	0	0	0	0	
5	10	10	10	10	"	35	0	0	0	0	
6	10	10	10	10	"	36	0	0	0	0	
7	10	10	10	10	"	37	0	0	0	0	
8	10	5	5	5	"	38	0	0	0	0	
9	5	0	0	0	"	39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
Rosane Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 9, 2003

OBSERVER: Rosanna Moffatt

START: am 4 pm

FINISH: am 5 pm

Source:

BOF ROOF MONITORS

Observation Point

By HOT STRIP MILL

distance from: ~2000'

direction from: S NW

source height:

~250'

wind direction S N

wind speed 10-15

sky condition overcast/snow

amb. temp. (F)

color of emissions

other;

N - North Monitor

S - South Monitor

C - Center Monitor

Remarks;

Heat No.

16683

4:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	5	0	
6	0	0	0	0		36	10	10	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	5	5	<u>C</u>	50	0	0	0	0	
21	5	5	5	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Rosanna Moffatt

Last Certification Date 10/10/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 18, 2008

OBSERVER: Rosana Moffat

START: 10:30 am pm

FINISH: am 12:30 pm

Source:
BOF Roof Monitors.

Observation Point
South of BOF

distance from: 800'

direction from: SE

source height:
250'

wind direction NW

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions White
unless stated otherwise
other;

N - North Monitor
S - South Monitor
C - Center Monitor.

Remarks;

Heat NO.
16660

10:00AM

PAGE # 1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1						31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2						32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3						33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4						34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5						35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6						36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7						37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8						38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9						39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10						40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11						41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12						42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13						43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14						44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15						45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16						46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17						47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18						48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19						49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20						50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21						51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22						52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23						53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24						54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25						55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26						56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27						57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28						58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29						59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/08

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 18, 2003

OBSERVER: Rosana Hoffman

START: 10:30 am pm

FINISH: 12:30 am pm

Source: BOF ROOF MONITORS

Observation Point: SOUTH OF LEVY

distance from: 800'

direction from: SE

source height: 250'

wind direction: NW

wind speed: 5-10

sky condition: OVERCAST

amb. temp. (F):

color of emissions: White

unless stated otherwise

other:

S - South Monitor

N - North Monitor

C - Center Monitor

Remarks:

Observer's Signature: Rosana Hoffman

11:00 AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<u>50</u>	<u>50</u>	<u>25</u>	<u>20</u>	<u>RC</u>
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>BROWN</u>
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>"</u>
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 18, 2003

OBSERVER: Rosanna Moffatt

START: 10:30 am pm

FINISH: am 12:30 pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEAK

distance from: 800'

direction from: SE

source height:
230'

wind direction NW

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions

other;

Remarks;

12:00 PM

PAGE # 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
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6	0	0	0	0		36					
7	0	0	0	5	C	37					
8	5	10	15	15	C	38					
9	15	15	10	5	C	39					
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23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature
Rosanna Moffatt

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 12, 2003
 OBSERVER: Rosana Moffat
 START: 9:55 am pm
 FINISH: 11:55 am pm
 Source:
BOF ROOF MONITORS
 Observation Point
SOUTH OF LEVY
 distance from: 500'
 direction from: SE
 source height:
250'
 wind direction NW
 wind speed 10-15
 sky condition CLEAR
 amb. temp. (F)
 color of emissions white
unless stated otherwise
 other;
 Remarks;
Hear Nos
16571
55718
 Observer's Signature
Rosana Moffat

9:00 AM

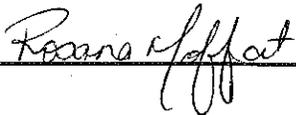
PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 12, 2003
 OBSERVER: ROSANA MOFFAT
 START: 9:55 am pm
 FINISH: 11:55 am pm
 Source:
BOE RICE MONITORS
 Observation Point
SOUTH OF LEVY
 distance from: 500'
 direction from: SE
 source height:
250'
 wind direction NW
 wind speed 10-15
 sky condition CLEAR
 amb. temp. (F)
 color of emissions white
 unless stated otherwise
 other;
N - North Monitor
S - South Monitor
C - Center Monitor
 Remarks;

Observer's Signature


10:00AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	5	5	C	36	0	0	5	10	C
7	0	0	0	0		37	10	10	5	5	"
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
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13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	5	5	5	5	C
17	0	0	0	0		47	5	5	5	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	10	5	5	5	C, BROWN
21	0	0	0	0		51	5	5	5	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 12, 2003

OBSERVER: ROSANA MOFFAT

START: 9:55 am pm

FINISH: 11:55 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEV 4

distance from: 500'

direction from: SE

source height:
250'

wind direction NW

wind speed 10-15

sky condition clear

amb. temp. (F)

color of emissions White

unless stated otherwise

other;
N - North Monitor
S - South Monitor
C - Center Monitor

Remarks:

Observer's Signature
Rosana Moffat

11:00 AM

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	5	5	C
11	0	0	0	0		41	5	5	5	5	"
12	0	0	0	0		42	5	5	5	5	"
13	0	5	5	10	C	43	5	0	0	0	
14	5	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	5	5	C	48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	10	C, Brown
21	0	0	0	0		51	10	5	5	5	"
22	0	0	0	0		52	5	5	5	20	Yellow, "
23	0	0	0	0		53	20	20	20	20	"
24	0	0	0	0		54	20	20	20	10	
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	5	5	5	C	57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 4, 2003
 OBSERVER: Rosanna Moffat
 START: 8:00 am pm
 FINISH: 10:00 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

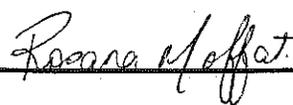
distance from: 600'
 direction from: SE
 source height:
250'

wind direction E
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F) _____
 color of emissions white
 unless stated otherwise
 other;
N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;
Heat Nos.
55575
55576

8:00 AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
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6	0	0	0	0		36	0	0	0	0	
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8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
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11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	5	5	5	C, N
18	0	0	0	0		48	5	5	5	5	"
19	0	0	0	0		49	5	5	0	0	"
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	5	5	C	53	0	0	0	0	
24	5	5	5	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: December 4, 2003.

OBSERVER: ROSANNA MOFFAT.

START: 8:00 am pm

FINISH: 10:00 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY.

distance from: 600'

direction from: SE

source height:
250'

wind direction E

wind speed 5-10

sky condition OVERCAST.

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE
other;
N - North
S - South
C - Center

Remarks;

9:00 AM PAGE #2.

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	5	5	5	0	C
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	5	5	10	C
11	0	0	0	0		41	10	10	5	5	
12	0	0	0	0		42	5	0	0	0	
13	0	0	0	0		43	0	0	0	0	
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17	0	0	0	0		47	0	0	0	0	
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19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	5	5	0	C	54	0	0	0	0	
25	5	0	0	0	C, BROWN,	55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	5	5	5	N	59	0	0	0	0	

Observer's Signature
Rosanna Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 24, 2003

OBSERVER: ROSANA MORFAT

START: 8:00 am pm

FINISH: 10:00 am pm

Source:
BOF ROOF MONITORS.

Observation Point
SOUTH OF BLEVY.

distance from: 1500'

direction from: SE

source height:
250'

wind direction SW

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;

Remarks;
S - South Monitor
C - Center Monitor
N - North Monitor

Hed Nos.
16266
55404

8:00AM PAGE # 1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	5	C
2	0	0	0	0		32	5	5	5	0	C
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
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8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	5	5	5	C	40	0	0	0	0	
11	10	5	5	5	C	41	0	0	0	0	
12	5	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
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19	0	0	0	0		49	0	0	0	0	
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21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
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24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
Rosana Morfat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 24, 2003

OBSERVER: ROSANA MOFFAT

START: 8:00 am pm

FINISH: 10:00 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: 1500'

direction from: SE

source height:
250'

wind direction SW ~~NE~~

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions WHITE

(UNLESS STATED OTHERWISE)

other;
N - NORTH MONITOR
S - SOUTH MONITOR
C - CENTER MONITOR

Remarks;

9:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	5	10	10	10	C
7	○	○	○	○		37	5	5	5	5	"
8	○	○	○	○		38	5	○	○	○	"
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 21, 2003

OBSERVER: ROSANA MOFFAT

START: 9:47 am pm

FINISH: 11:47 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: 2000' 1500'

direction from: SE

source height:
250'

wind direction NE

wind speed 5-10

sky condition CLEAR

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
N - NORTH MONITOR
S - SOUTH MONITOR
C - CENTER MONITOR

Remarks;
Heat Nos.
16206
55350
55351

9:00 PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: ROSEANA MOFFAT

OBSERVER: NOVEMBER 21, 2003

START: 9:47 am pm

FINISH: 11:47 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: 1500'

direction from: SE

source height:
250'

wind direction NE

wind speed 5-10

sky condition CLEAR

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
N - NORTH MONITOR
S - SOUTH MONITOR
C - CENTER MONITOR

Remarks;

10:00 AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	5	5	5	10	<u>Brown, C</u>	33	0	0	0	0	
4	10	10	10	10	<u>Yellow, C</u>	34	0	0	0	0	
5	10	10	5	5		35	0	0	0	0	
6	5	5	5	5		36	0	0	0	0	
7	5	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	5	<u>C</u>
17	0	0	0	0		47	5	10	0	0	<u>C</u>
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	10	10	<u>C</u>	51	0	0	0	0	
22	10	10	5	5		52	0	0	0	0	
23	5	5	5	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
Rosana Moffat

Last Certification Date 10/08/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 21, 2003

OBSERVER: ROSANA MOFFATT

START: 9:47 am pm

FINISH: 11:47 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: 1500'

direction from: SE

source height:
250'

wind direction NE

wind speed 5-10

sky condition CLEAR

amb. temp. (F) 50

color of emissions WHITE
UNLESS STATED OTHERWISE

other;
N - NORTH MONITOR
S - SOUTH MONITOR
C - CENTER MONITOR

Remarks;

11:00 AM Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47					
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48					
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49					
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50					
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51					
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52					
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53					
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54					
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55					
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56					
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57					
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58					
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59					

Observer's Signature
Rosana Moffatt

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 13, 2003

OBSERVER: ROSANA MOFFAT

START: 9:37 am pm

FINISH: 11:37 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: ~~1500'~~ 1500'

direction from: SE

source height:
250'

wind direction NW

wind speed 32

sky condition CLOUDY

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;

Heat NOS.
16062
55205
16063

9:00 AM PAGE # 1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	5	0	C
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	5	5	C
24						54	5	5	5	5	"
25						55	5	5	5	5	"
26						56	5	5	10	10	"
27						57	10	30	25	20	"
28						58	15	10	10	10	"
29						59	5	5	0	0	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 13, 2003

OBSERVER: ROSANA MOFFAT

START: 9:37 am pm

FINISH: 11:37 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: 1500'

direction from: SE

source height:
250'

wind direction NW

wind speed 10

sky condition CLOUDY

amb. temp. (F) 32

color of emissions WHITE

UNLESS STATED OTHERWISE
other;
N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;

10:00 AM PAGE # 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	10	10	5	5	C	50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	5	5	5	5	C
23	○	○	○	○		53	5	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

Rosana Moffat

Last Certification Date 10/10/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 13, 2003
 OBSERVER: ROSANA MOFFAT
 START: 9:37 am pm
 FINISH: 11:37 am pm

Source:
BOF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: 1500'
 direction from: SE
 source height:
250'

wind direction NW
 wind speed
 sky condition OVERCAST
 amb. temp. (F) 32
 color of emissions WHITE
 UNLESS STATED OTHERWISE

other;
 N - NORTH MONITOR
 S - SOUTH MONITOR
 C - CENTER MONITOR

Remarks;

11:00 AM PAGE # 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	5	5	0	0	C
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	5	C	57					
28	5	5	0	0	"	58					
29	0	0	0	0		59					

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 7, 2003

OBSERVER: ROSANA MOFFAT

START: 11:47 am pm

FINISH: am 1:47 pm

Source:
BOF ROOF MONITORS

Observation Point
WEST BY HOT STRIP MILL

distance from: 1500'

direction from: NW

source height:
250'

wind direction W

wind speed 5-10

sky condition CLEAR

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;
Heat nos.
15956
15957

11:00am Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 7, 2003

OBSERVER: ROSANNA MOFFAT

START: 11:47 am pm

FINISH: am 1:47 pm

Source:
. BOF ROOF MONITORS

Observation Point
By HOT STRIP MILL

distance from: 1500'

direction from: NW

source height:
250'

wind direction W

wind speed 5-10

sky condition CLEAR

amb. temp. (F)

color of emissions WHITE

UNLESS STATED OTHERWISE

other;
N - NORTH MONITOR
S - SOUTH MONITOR
C - CENTER MONITOR

Remarks;

12:00 PM PAGE # 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	5	5	5	<u>C</u>	33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	5	<u>C, yellow</u>	38	0	0	0	0	
9	5	5	5	5	<u>A</u>	39	0	0	0	0	
10	5	5	5	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	10	10	10	5	<u>C, yellow</u>	43	0	0	0	0	
14	5	5	5	5		44	0	0	0	0	
15	5	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	20	20	15	<u>Brown, C, N</u>
21	0	0	0	0		51	10	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
Rosanna Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: NOVEMBER 7, 2003

OBSERVER: ROSANA MOFFAT

START: 11:47 am pm

FINISH: am 1:47 pm

Source:
BOF ROOD MONITORS

Observation Point
BY HOT STRIP MILL

distance from: 1500'

direction from: NW

source height:
250'

wind direction W

wind speed 5-10

sky condition CLOUDY

amb. temp. (F)

color of emissions White
unless stated otherwise
other;

Remarks;

1:00 PM PAGE #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59					

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 31, 2003

OBSERVER: ROSANA MOFFAT

START: 8:00 am pm

FINISH: 10:00 am pm

Source:
BDF ROOF MONITORS

Observation Point
South of Hwy.

distance from: 1500'

direction from: SE

source height:
250'

wind direction W

wind speed 0-5

sky condition cloudy

amb. temp. (F) 7

color of emissions White
unless stated otherwise

other;
C - Center Monitor
N - North Monitor
S - South Monitor

Remarks;

Heat Nos.

15831
15832

8:00AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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16	<input type="checkbox"/>	<u>5</u>	<u>5</u>	<u>10</u>	<u>C, Yellow</u>	46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Observer's Signature
Rosana Moffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 31, 2003.

OBSERVER: ROSANA MOFFAT.

START: 8:00 am pm

FINISH: 10:00 am pm

Source:
BOF ROOF MONITORS.

Observation Point
South of Hwy.

distance from: 1500'

direction from: SE

source height:
250'

wind direction W

wind speed 0-5

sky condition Cloudy

amb. temp. (F) 0

color of emissions White
unless stated otherwise

other;
C - Center Monitor
N - North Monitor
S - South Monitor.

Remarks;

9:00 AM Page #2.

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	20	20	Brown, C, N
1	0	0	0	0		31	15	10	10	10	"
2	0	0	0	0		32	10	5	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
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27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
Rosana Moffat

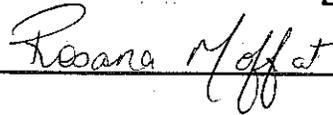
Last Certification Date 10/07/03.

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 24 2003
 OBSERVER: ROSANA MOFFAT
 START: 7:40 am pm
 FINISH: 9:40 am pm
 Source:
BOF ROOF MONITORS
 Observation Point
South of Hwy.
 distance from: 1500'
 direction from: SE
 source height:
250'
 wind direction W
 wind speed 0-5
 sky condition Clear
 amb. temp. (F)
 color of emissions
 other;
 Remarks;
Heat Nos.
15698
54887

7:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 24, 2008

OBSERVER: ROSANA HOFFAT

START: 7:40 am pm

FINISH: 9:40 am pm

Source:
BOF ROOF MONITORS

Observation Point
South of Levy.

distance from: 1500'

direction from: SE

source height:
250'

wind direction W

wind speed 0-5

sky condition Clear

amb. temp. (F)

color of emissions White
unless stated otherwise

other;

Remarks;

8:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<u>C, brown</u>	52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Observer's Signature

Rosana Hoffat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/24/03

OBSERVER: ROSANA MOTTAT

START: 7:40 am pm
FINISH: 9:40 am pm

Source:
BOF ROOF MONITORS

Observation Point
South of Levy

distance from: 1500'
direction from: SE

source height:
250'

wind direction W
wind speed 0-5
sky condition Clear

amb. temp. (F) 43

color of emissions White

unless stated otherwise
other:
C - Center Monitor
N - North Monitor
S - South Monitor

Remarks:

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	5	5	C	33	0	0	0	0	
4	5	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
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11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	5	15	30	Brown, C	53					
24	15	15	15	10	"	54					
25	5	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature
Rosana Mottat

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: October 13, 2003

OBSERVER: Rosana Moffat

START: 10:15 am pm
 FINISH: am 12:15 pm

Source:
BOF Roof Monitors

Observation Point
South of Hwy.

distance from: 1500'

direction from: SE

source height:
250'

wind direction S

wind speed 0-5

sky condition Clear

amb. temp. (F)

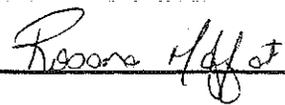
color of emissions White
 unless stated otherwise
 other;

C - Center Monitor
N - North Monitor
S - South Monitor

Remarks;
Heat + Nos.
15535
54708

10:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	5	5	10	
20	0	0	0	0		50	10	10	10	10	By Wind, C
21	0	0	0	0		51	10	5	5	5	"
22	0	0	0	0		52	5	5	5	5	"
23	0	0	0	0		53	5	5	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	5	5	C	57	0	0	0	0	
28	5	5	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature


Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 13, 2003

OBSERVER: ROSANA MORAN

START: 10:15 am pm

FINISH: 12:15 am pm

Source:
BOF ROOF MONITORS

Observation Point
South of Levey

distance from: 1500'

direction from: SE

source height:
250'

wind direction S

wind speed 0-5

sky condition Clear

amb. temp. (F)

color of emissions White
unless stated otherwise

other;

N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature
Rosana Moran

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 13, 2008.

OBSERVER: ROSANA MORENO

START: 10:15 am pm

FINISH: am 12:15 pm

Source:
BOF ROOF MONITORS

Observation Point
South of Henry

distance from: 1500

direction from: SE

source height:
250'

wind direction S

wind speed 0-5

sky condition clear

amb. temp. (F)

color of emissions white
unless stated otherwise

other;

Remarks;

12:00PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	5	5	5	C	30					
1	5	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature
Rosana Moreno

Last Certification Date 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 8, 2003

OBSERVER: ROSANA MOFFAT

START: 8:00 am pm

FINISH: 10:00 am pm

Source:
BoF Roof Monitors

Observation Point
South of Leuy...

distance from: 1500'

direction from: SE

source height:
250'

wind direction SW

wind speed 0-5

sky condition Clear

amb. temp. (F)

color of emissions White

unless stated otherwise
other;

S - South Monitor
N - North Monitor
C - Center Monitor

Remarks;

Heat Nos.
54622
15448

Observer's Signature
Rosana Moffat

8:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	10	10	C, Brown
18	0	0	0	0		48	15	15	15	15	"
19	0	0	0	0		49	15	10	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	5	5	10	C	52	0	0	0	0	
23	10	10	10	10	"	53	0	0	0	0	
24	10	5	5	5	"	54	0	0	0	0	
25	5	0	0	0	"	55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date ~~4/08/03~~ 10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: OCTOBER 8, 2003

OBSERVER: ROSANA MOFFAT

START: 8:00 am pm 9:00 AM

FINISH: 10:00 am pm

Source:
BOF ROOF MONITORS

Observation Point
South of Levy

distance from: 1500'

direction from: SE

source height:
250'

wind direction SW

wind speed 0-5

sky condition Clear

amb. temp. (F) 52

color of emissions White

unless stated otherwise use other;

N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;

Observer's Signature
Rosana Moffat

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	10	C	30	10	5	0	0	
1	15	15	15	15		31	0	0	0	0	
2	10	10	5	5		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	5	C, Brown	36	0	0	0	0	
7	5	5	20	15	C, Brown	37	20	20	15	0	Orange, C
8	10	10	10	10	"	38	0	0	0	0	
9	10	10	10	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	5	C	42	0	0	0	0	
13	5	10	10	10	"	43	0	0	0	0	
14	10	10	5	5	"	44	0	0	0	0	
15	5	5	5	5	"	45	0	0	0	0	
16	5	5	0	0		46	0	0	0	0	
17	5	5	5	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	5	5	C, yellow, N
28	0	0	0	0		58	0	0	0	0	
29	0	0	10	10	C	59	0	0	0	0	

Last Certification Date 4/28/03
10/07/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 11-10-03

OBSERVER: J. Earl

START: 8:11 am pm

FINISH: 9:10 am pm

Source:
C BF Bleeders

Observation Point
Parking Lot

distance from: 500'

direction from: SE

source height:
150'

wind direction E

wind speed 0-5

sky condition Clear

amb. temp. (F) 25°

color of emissions
Grey

other;

Remarks;

Observer's Signature
James T. Earl

Last Certification Date Oct, 2003

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11	40	40	40	40		41	0	0	0	0	
12	40	30	30	30		42	0	0	0	0	
13	30	30	30	30		43	0	0	0	0	
14	30	30	30	30		44	0	0	0	0	
15	40	40	40	40		45	0	0	0	0	
16	50	50	50	50		46	0	0	0	0	
17	35	35	35	35		47	0	0	0	0	
18	10	10	10	10		48	0	0	0	0	
19	10	10	10	10		49	0	0	0	0	
20	10	10	10	10		50	0	0	0	0	
21	10	10	10	10		51	0	0	0	0	
22	5	5	5	5		52	0	0	0	0	
23	5	5	5	5		53	0	0	0	0	
24	5	5	5	5		54	0	0	0	0	
25	5	5	5	5		55	0	0	0	0	
26	5	5	5	5		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	0	0	0		59	0	0	0	0	

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 11-10-03

OBSERVER: J. Earl

START: 8:11 ~~am~~ 9:10 pm

FINISH: ~~am~~ pm

Source:
C B F Bleeders

Observation Point
Parking Lot

distance from: 500'

direction from: SE

source height:
150'

wind direction E

wind speed 0-5

sky condition Clear

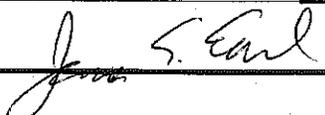
amb. temp. (F) 25

color of emissions
Gray

other;

Remarks;

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature


Last Certification Date Oct, 2003

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/14/03

OBSERVER: Len Trink

START: 10:10 (am) pm

FINISH: 11:10 (am) pm

Source: "C" bleeders
Furnace

Observation Point
"C" Bleeder

distance from: 150'

direction from: SE

source height: 150'

wind direction N

wind speed 0-5

sky condition Raining, cloudy

amb. temp. (F) 40°F

color of emissions
white

other;

Remarks;

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10	35	30	30	30		40	0	0	0	0	
11	30	30	25	25		41	0	0	0	0	
12	20	20	20	20		42	0	0	0	0	
13	20	20	15	15		43	0	0	0	0	
14	10	10	10	10		44	0	0	0	0	
15	10	5	5	5		45	0	0	0	0	
16	5	5	5	5		46	0	0	0	0	
17	5	5	5	5		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
Len Trink

Last Certification Date 10/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/14/03

OBSERVER: Low Thib

START: 10:10 am pm

FINISH: 11:10 am pm

Source: "C" Furnace

Observation Point
"C" bleeders

distance from: 150'

direction from: SE

source height: 150'

wind direction: ~~SE~~ N

wind speed: 0-5

sky condition: rainy cloudy

amb. temp. (F): 40° NE

color of emissions
white

other:

Remarks:

Observer's Signature

Low Thib

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 10/2003